

19990301.qrp v01_n382.qrl.990301

Date: Mon, 1 Mar 1999 19:03:16 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1382

QRP-L Digest 1382

Topics covered in this issue include:

- 1) [34420] Re: Happy99 Cure
by Chuck Carpenter <w5usj@unicomp.net>
- 2) [34421] Re: Happy99 Cure
by tf3vst@vortex.is (Villi Idunni)
- 3) [34422] Query about contest in progress
by FrConrad@aol.com
- 4) [34423] 24 hour clocks
by Hank Kohl K8DD <k8dd@contesting.com>
- 5) [34424] PCB tip
by ntan <ntan@crosslink.net>
- 6) [34425] audio transformer
by ntan <ntan@crosslink.net>
- 7) [34426] TS-570 QRP?
by "Tim Cook" <timcook@erinet.com>
- 8) [34427] RE: Free web service
by RangerSF5@aol.com
- 9) [34428] Re: SQLMaker Help
by "Alan Kaul W6RCL" <alan.kaul@worldnet.att.net>
- 10) [34429] QRP chat room?
by "Jeff Casey" <WB5GWB@sprynet.com>
- 11) [34430] high SWR
by Andy C Meng <andymeng@juno.com>
- 12) [34431] Re: WBL paddles arrived and I love 'em! (long)
by Barry J Minsky <w2bj@juno.com>
- 13) [34432] Re: Radio Shack Manual CW Key?
by N7YA@aol.com
- 14) [34433] CQC at 500 mw
by "Randy Foltz" <rfoltz@turbonet.com>
- 15) [34434] Re: PCP tip
by pmk@juno.com
- 16) [34435] Portable paddle question using button switches ?
by pmk@juno.com
- 17) [34436] Help: Replacement Transformer
by guillotstutoring@juno.com
- 18) [34437] Re: The First
by N7YA@aol.com
- 19) [34438] Re: The First

- by Ron Keener <rkeener@realtime.net>
- 20) [34439] Re: The First
by N7YA@aol.com
- 21) [34440] Fw: Trouble With Transponder
by "Carlos J. Caro" <CJCARO@email.msn.com>
- 22) [34441] CQC Contest - WOW!!!
by Brian Murrey <brian@iquest.net>
- 23) [34442] Re: CQC Contest - WOW!!!
by Macstein@aol.com
- 24) [34443] Re: CQC Contest - WOW!!!
by Paul Harden <pharden@aoc.nrao.edu>
- 25) [34444] Colorado Winter QSO Party K0FRP
by Alan Dawkins <alk0frp@earthlink.net>
- 26) [34445] CQC Winter Party de AB7TT - Fun Stuff!
by Joe Gervais <vole@primenet.com>
- 27) [34446] CQC Contest
by Ron Stark <ku7y@dri.edu>
- 28) [34447] CQC Test
by "Marshall Emm" <mgemm@mtechnologies.com>
- 29) [34448] upgrade to General - finally
by "JEFFREY MICHAEL POULIN" <jpoulin@erols.com>
- 30) [34449] Happy99 - ARRL DX test/milliwatts
by "Jim Hale" <kj5tf@madisoncounty.net>
- 31) [34450] Re: upgrade to General - finally
by Brian Murrey <brian@iquest.net>
- 32) [34451] EMC Testing?
by ke3fl@juno.com
- 33) [34452] QSL's away!
by Brian Murrey <brian@iquest.net>
- 34) [34453] RE: Curtis Keyer Chips, 8044ABM (or other), Do you have any?
by "Ricvhard Hensel" <rrrhensel@sprintmail.com>
- 35) [34454] FW: EMC Testing?
by "J. Eric Jessen" <E.Jessen@orion-consulting.com>
- 36) [34455] QRp-Canada web page
by Bruce Rattray <rattray@gpfn.sk.ca>
- 37) [34456] Copper corrosion/pitting?
by ke3fl@juno.com
- 38) [34457] FS: IC737A, FT530, PS, TNC etc.
by Niel Skousen <skousen@srv.net>
- 39) [34458] QRP 40 M operating/calling Freq.
by Bcieslak@ra.rockwell.com
- 40) [34459] RE: Copper corrosion/pitting?
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
- 41) [34460] Linux
by Brad Mugleston <bmug@gwl.com>
- 42) [34461] NC-20
by Brad Mugleston <bmug@gwl.com>
- 43) [34462] Re: upgrade to General - finally

by Joe Gervais <vole@primenet.com>
44) [34463] Re: Linux
by elawson@lr.net (Ed Lawson)
45) [34464] H.A.A.R.P.
by Norm Melick <henmel@worldnet.att.net>
46) [34465] Re: PCB tip
by SKIPNC90@aol.com
47) [34466] NorCal 20 KIIts Available
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
48) [34467] 30m SST Update
by "Nathan Odle" <nodle01@mail.coin.missouri.edu>
49) [34468] Hey Upgrades! Try 30M! Really!
by Joe Gervais <vole@primenet.com>
50) [34469] lubrication of rollercoil
by Goran Hosinsky <hosinsky@royac.iac.es>
51) [34470] Backpacking Rig Battery/charging inquiry
by rhiller@sysdev.com (Rick Hiller)
52) [34471] Fw: Portable paddle question using button switches ?
by william h ross <k6mgo@juno.com>
53) [34472] Re: QRP 40 M operating/calling Freq.
by Ron Keener <rkeener@realtime.net>
54) [34473] RE: J37 - J38 Keys
by "Arthur G. Silvers" <ags@ieee.org>
55) [34474] CQC+QRP Test = FUN!
by "Steve/n0tu" <n0tu@webaccess.net>
56) [34475] Re: J37 - J38 Keys w/ Navy Knobs
by "Alan Kaul W6RCL" <alan.kaul@worldnet.att.net>
57) [34476] Attention John Evans;; N0HJ
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
58) [34477] Re: NorCal 20 KIIts Available
by Danh Le <dle@san-jose.tt.slb.com>
59) [34478] RE: Monopole Vertical?
by "Larry Cruise" <aa5ta@texasonline.net>
60) [34479] NC20 Extra Kits Sold Out.
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
61) [34480] Re: J37 - J38 Keys w/ Navy Knobs
by Caldera OpenLinux User <qrp@cisgw3.law.pace.edu>
62) [34481] Re: NC20 Extra Kits Sold Out.
by "Mark Hogan" <mhogan@email.msn.com>
63) [34482] RE: J37 - J38 Keys w/ Navy Knobs
by "Ricvhard Hensel" <rrrhensel@sprintmail.com>
64) [34483] Re: NC20 Extra Kits Sold Out.
by crc <crc@io.com>
65) [34484] Honduras with 90mW
by "Jim Hale" <kj5tf@madisoncounty.net>
66) [34485] Re: Monopole Vertical?
by W6RCecila <w6rca@ibm.net>
67) [34486] Re: Linux

by "dor" <elbc@pivot.net>
68) [34487] NC20 unlucky then lucky
by Macstein@aol.com
69) [34488] Re: QRP 40 M operating/calling Freq.
by Ray Colbert <af852@rgfn.epcc.edu>
70) [34489] Re: CQC+QRP Test = FUN!
by Joe Gervais <vole@primenet.com>
71) [34490] Re: QRP 40 M operating/calling Freq.
by af852@rgfn.epcc.edu (William R Colbert)
72) [34491] Re: Linux
by "Dan Hogan" <dhhogan@concentric.net>
73) [34492] Hint or Kink: Keith's Caps
by "Brad Hernlem" <alihernlem@hotmail.com>
74) [34493] Super Portable Keyer Paddle
by "Bruce Prior" <n7rr@hotmail.com>
75) [34494] Re: MFJ rig W/bad relay,,,need you'r address
by RangerSF5@aol.com
76) [34495] K0FRP CQC contest
by Alan Dawkins <alk0frp@earthlink.net>
77) [34496] W1RFI's Vermont Trip
by "Ed Hare, W1RFI" <w1rfi@arrl.net>
78) [34497] Re: QRP chat room?
by K2UD@aol.com
79) [34498] Re: CQC at 500 mw
by Larry Cahoon <wd3p@juno.com>
80) [34499] FYBO: LAST CALL for Logs!
by Joe Gervais <vole@primenet.com>
81) [34500] Those AR Contest/Awards
by Larry Cahoon <wd3p@juno.com>
82) [34501] my NC20
by Rod Cerkoney <rwc@frii.com>
83) [34502] Re: PCB tip
by ntan <ntan@crosslink.net>
84) [34503] QRP-L CD ROM Version 2.0
by Chuck Adams <adams@ticnet.com>
85) [34504] W4PJ-photocopies
by ntan <ntan@crosslink.net>
86) [34505] upgrade to General - finally
by Tom Palmer <n1tp@worldnet.att.net>
87) [34506] Re: H.A.A.R.P.
by Norm Melick <henmel@worldnet.att.net>

Date: Sun, 28 Feb 1999 18:24:45 -0600
From: Chuck Carpenter <w5usj@unicomp.net>
To: badger@vbe.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [34420] Re: Happy99 Cure

Message-ID: <3.0.1.32.19990228182445.006a37e8@mail.unicomp.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Michael and Group,

Here's a couple of Happy99 items I've found on other list recently.

<<snip>>The list of recipient(s) of your email containing this worm is kept
in the file:

(drive):\windows\system\liste.ska

where 'drive' is your OS drive.<<snip>>

and:

<<snip>> If you have opened a happy99.exe file, please go to
the following web-site and follow the instruction on how to remove it from
your system.

<http://www.symantec.com/avcenter/venc/data/happy99.worm.html>

We are providing this information as a service to our subscribers. <<snip>>

72/73, Chuck, W5USJ, Point, TX EM22cv -- ARCI #5422 QRP-L #1306

Date: Mon, 1 Mar 1999 00:37:48 -0000
From: tf3vst@vortex.is (Villi Idunni)
To: <w5usj@unicomp.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [34421] Re: Happy99 Cure
Message-ID: <009d01be637b\$bbe496c0\$04000003@digranes>

There has been quite a discusson on the Happy99 worm lately. I just want to
mention that there is available FREE software to remedy this, it is from the
Icelandic Antivirus guru Fridrik Skulason and is available from the
Datafellows site <http://www.datafellows.com/news/pr/eng/19990129.htm>
This should both be protection and cure.

de TF3VS

Date: Sun, 28 Feb 1999 19:42:09 EST
From: FrConrad@aol.com
To: QRP-L@Lehigh.edu
Subject: [34422] Query about contest in progress
Message-ID: <e82011dc.36d9e261@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

HALP,

After one wedding and two funerals, I just flipped on the rig to

CQ QRP Test

0040 03/01 UTC

Wats the test and where's a URL with the rules.

TNX,

John+
WB6MFS

Date: Sun, 28 Feb 1999 19:37:35 -0500
From: Hank Kohl K8DD <k8dd@contesting.com>
To: qrp-l@lehigh.edu
Subject: [34423] 24 hour clocks
Message-ID: <4.1.19990228193432.01dd1a50@192.0.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

There was a few sites with 24 hour clocks awhile back. Cruising
around I found BRG Precision Products, which sells atomic clocks of all
types - desk clocks, mantle clocks and even atomic wrist watches.
<http://www.feist.com/~bodegroup/arc1.html>

Not exactly low priced, but real interesting!

73 Hank K8DD

* * * * *
* The QRP-ARCI Toy Store *
* <http://www.tir.com/~k8dd/thetoystore.htm> *

* *

Date: Sun, 28 Feb 1999 20:42:00 -0500
From: ntan <ntan@crosslink.net>
To: QRP-L <qrp-l@lehigh.EDU>
Subject: [34424] PCB tip
Message-ID: <36D9F05D.8D14FE0@crosslink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

This may be an old idea, but I have found it to be pretty handy. When I started making my own boards, I would do the parts layout on a piece of graph paper the same size as the actual board. If everything looked like it'd fit, I would then take my double side copper board and start laying the parts out and mark with a pencil where the leads would pass thru to the other side. One at a time, I'd drill, countersink and when all the parts that were tied together was laid out, I'd draw an island around it. Put on the resist, then etch. As you can imagine, this was very slow. I tried making a mirror image of the layout, hoping to transfer it to the bottom of the copper board, using carbon paper. It didn't work. Then while at the stationary store, I saw "Liquid Paper", typing correction film. This works well on the copper. Now what I do is ground to the backside of the copper and make the islands on the top. This method can get a little cramped for soldering but you get the hand of it and learn what parts to solder first. I take some Liquid Paper, tape it to the board, lay my layout on top and then with a pencil, trace the lines connecting the parts. I put an "x" on the board in pencil to mark where I need to drill for ground. When you lift up your layout and L.P., you find nice, solid, white lines. For the resist, I use thinned down nail polish, (I prefer bright red ,makes me feel sexy when I'm etching) and just lay it down onto the white lines. Because the nail polish is thinned, I can make a line as thin as I want and where I need plenty of copper, I can make a large pad-path. There's always space left to put some extra pads for mods or additions etc. When the polish is nice and dry, I mask the ground side off with tape and place the board, parts side down into my etching juice. When its finished and washed, I remove the mask and then place the board in a solution of TINNIT. I 'm sure there are faster methods, but for low cost, you can't beat it.
72 and keep it LOW Neil WA4CHQrp

Date: Sun, 28 Feb 1999 19:56:02 -0500
From: ntan <ntan@crosslink.net>
To: QRP-L <qrp-l@lehigh.EDU>
Subject: [34425] audio transformer
Message-ID: <36D9E598.8752F814@crosslink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Greetings-

I know this is a dumb question but I've got a couple of audio transformers in my junk box. I'm in the process of setting up qrp rtty using BlasterTeletype, and according to the diagram, to stop unwanted ground loops, reduce audio level and put an RF filter in the TX lead is with a small cheap audio transformer plus a few other parts. T1 is supposed to 1k : 8 ohms. How do I know if the xfmr from my JB is 1k : 8 ohms? Has anyone else on the List tried BTL? I plan on using my old FT 101ee cranked down. Any thoughts or input would be appreciated..... Tnx
72 and keep it LOW Neil WA4CHQrp

Date: Sun, 28 Feb 1999 21:12:24 -0500
From: "Tim Cook" <timcook@erinet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [34426] TS-570 QRP?
Message-ID: <058d01be6388\$f36f1cc0\$a0755acf@timcook.erinet.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Has anyone every tried to get a TS-570 to go below the 5 watt minimum as it is from the factory?
Thanks
Tim

Date: Sun, 28 Feb 1999 21:34:31 EST
From: RangerSF5@aol.com
To: qrp-l@lehigh.edu

Subject: [34427] RE: Free web service
Message-ID: <ea079493.36d9fcb7@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi gang,
Just thought i'd pass this info along to you.
<http://www.netzero.net>,
has 100%free web and *E* mail service.
If you'r with AOL,AKA AOHELL,you'll have to configure you'r dialier.
But if you have Netscape 4.0,no proplem.
I only have a 510 HD so downloading another browser is out of the question
right now but several of my friends have been using it and put up web sites
and have WWW all free.
Check it out and see if you have a free access # in you'r area.
BTW,
Like free JUNO *E* mail,
You do have to put up with the ads at the top of the screen.
72/73
Bob
WA2HOQrp <tm>

Date: Sun, 28 Feb 1999 18:53:36 -0800
From: "Alan Kaul W6RCL" <alan.kaul@worldnet.att.net>
To: <jjmcd@tm.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [34428] Re: SQLMaker Help
Message-ID: <19990301025507.FMKD15267@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

FYI, I believe the CT website has a program called c2a.exe which will
convert CT to ADIF reporting form. So, for example, if you use CT and then
run the .bin file using c2a then export the output in ADIF format into
QSL-Maker, what could possibly go wrong?

CT goodies are at <http://www.contesting.com/ct/files/#utils>

Download c2a.zip and unzip to convert. If you're running a few other
programs, including Hyperlog, you'll need the c2a utility to convert CT
logs for importing anyway.

GL and 73/72 de alan

Alan Kaul, W6RCL, LaCanada-Flintridge, CA
<http://home.att.net/~alan.kaul/qrp.html>
alan.kaul@worldnet.att.net
w6rcl@amsat.org

Date: Sun, 28 Feb 1999 22:21:22 -0500
From: "Jeff Casey" <WB5GWB@sprynet.com>
To: QRP-L@lehigh.edu
Subject: [34429] QRP chat room?
Message-ID: <199903010323.WAA24100@smtp2.mindspring.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Gang,
I realize that I should probably just get on the air to do my chatting,
but, nevertheless, was wondering whether there is a QRP chat
room on the internet? There's a chat room for everything else,
maybe we should have one too!

Thanks & 72,
Jeff
WB5GWB
Long Island, NY

Date: Wed, 2 Dec 1998 03:43:42 -0500
From: Andy C Meng <andymeng@juno.com>
To: qrp-l@lehigh.edu
Subject: [34430] high SWR
Message-ID: <19981202.034344.3390.1.andymeng@juno.com>

I checked my antenna, and it is no longer resonant at 7MHz, it's now
about 8MHz. This is the opposite that I thought would happen, because I
am not using copperweld or anything and I thought it would stretch,
lowering the frequency. Would raising the antenna also raise the freq? I
raised it about 15ft on both ends, so now its about 20 feet up. Maybe
when I get it tuned right I will notice a difference from the height. I
wonder how I worked those stations, because there is no return loss at
all at 7mhz. Hmmm, maybe I won't need that 40m quad :-).

When I switched the radio to the internal dummy load, the sidetone was normal. That must be the problem, and maybe the wet conditions here are contributing.

73 de Andy KC8KFI QRP-L #1813 Cincinnati, OH
E-Mail: andymeng@juno.com E-Mail w/ attachments: kc8kfi@yahoo.com
URL: <http://www.qsl.net/kc8kfi>
Total HF QRP CW QSO's: 19

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 28 Feb 1999 20:28:37 -0500
From: Barry J Minsky <w2bj@juno.com>
To: rakefet@rakefet.com
Cc: qrp-l@Lehigh.EDU
Subject: [34431] Re: WBL paddles arrived and I love 'em! (long)
Message-ID: <19990228.224922.-247171.0.w2bj@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I concur. I like mine very much also. They are easily as good as my mercury.

>I got my WBL paddles (V22 serial #99) on Friday morning, almost 10
>months after
>I ordered them.
>
they work great.
>Just a happy WBL user,
>Vic, K2VCO
>Fresno CA
>

72/73,
Barry J. Minsky, W2BJ
ARRL, QRP ARCI #8871, NorCal #1560, QRP-L #1543, FISTS #2701, Century
Club #569, Platinum #51, FISTS CW Club of Coastal Georgia, Knightlites,
Adventure Radio Society #359,
Six Club #151, QCWA #29298, OOTC #3723
Amateur Radio Missionary Service

Date: Sun, 28 Feb 1999 23:27:42 EST
From: N7YA@aol.com
To: qrp-l@lehigh.edu
Subject: [34432] Re: Radio Shack Manual CW Key?
Message-ID: <17570e49.36da173e@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 2/26/99 2:32:44 PM Pacific Standard Time,
myetsko@insydesw.com writes:

<< The expensive (and half decent key) was something like \$2.95 or so
back in the 70's. The cheap key was like \$1.99 or something, and
was really a cheap piece of junk. The contact points were just
BENDS and dimples in the metal. The two keys were VERY close
in price, but worlds apart in quality. >>

The RS key i have i bought for \$5 with a book and tape...its what i learned
on. it has the dimple that you mentioned, but has ball-bearing rollers and a
conical spring. i took it off the shelf for the first time in 15 years,
dusted it off, hooked it up and started tuning around....ran across BV4QW in
qso, called him and snagged a new one! it had a pretty nice feel after all
these years. and its interesting to compare how i used to adjust my straight
keys back then as compared to now....i fly hair-trigger these days, it was
more stiff then...hey, i was new!

its a permanent fixture here, it sits next to my RJ-1 black base pump. i
may use it some more, call me crazy...but it still had a pretty nice feel.
anyone else still have theirs?

73...Adam, N7YA

Date: Mon, 01 Mar 99 04:33:42 PST
From: "Randy Foltz" <rfoltz@turbonet.com>
To: "post" <qrp-l@lehigh.edu>
Subject: [34433] CQC at 500 mw
Message-ID: <MAPI.Id.0016.00666f6c747a2020303030303630303036@MAPI.to.RFC822>
MIME-Version: 1.0
Content-Type: text/plain; charset="ISO-8859-1"; X-MAPIextension=".TXT"
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

Wow! I just finished the CQC Winter Party running 500 mw. I knew I could only play for an hour or two, so with all the talk of QRPp, I cranked the Triton IV down to 500 mw. First came Ron, KU7Y, on 20 m about sunset here. Just a fill or two. Ok, he has big aluminum up. Next was K07X in UT. Exchange went fine there, too. This was getting easy. Along came Joe, AB7TT. I know he doesn't have big aluminium, but we got it done. To shorten the story, I made 5 Qs at 500 mw on 20 m and 6 Qs at 500 mw on 40 m. All were 1,000 miles per watt or more. The one on 20 m with Jim, AL7FS, was 2,000 miles per watt.

Just so you know, my antenna was a GAP Titan mounted on a 10 foot pole in the back yard.

Thanks for the fun fellas.

72,
Randy
K7TQ ARCI QRP-L NORCAL ARS FISTS CQC
Moscow, ID

Date: Mon, 1 Mar 1999 04:35:52 -0500
From: pmk@juno.com
To: ntan@crosslink.net, qrp-l@lehigh.edu
Subject: [34434] Re: PCP tip
Message-ID: <19990301.043553.10374.1.pmk@juno.com>

I have found the quickest way to make a PC layout from my high school teacher. This is only good for single sided. We didn't have the nice transfer's and mask's back then (or couldn't afford them) as this seemed awful simple to me and I still use this technique for small boards and experimenting. I never seen breadboard till I was out of high school.

1 sketch out your circuit on paper (full size). I found it simple to layout the chips by pressing the sockets through the sketch paper before you start drawing. The holes make a nice starting place.

2 After the sketch (or layout from other source) I would

cut the same exact size copper clad board. Make a Xerox copy of the sketch and tape it to the copper clad board

3 Take a nail or scribe and mark all the pads through the paper by piercing through the paper, and also makes a nice punch for the drill bit. Don't hit it too hard as it will swell the copper and damage the fiberglass.

4 remove the paper and use a nice Sharpie pen (the one with the good smell) to draw the layout on the copper foil. The punch marks make nice landmarks to keep ya from getting lost. For those that have never used the pen method make sure the buildup of ink is ample.

5 Drop the board in the solution and watch the unwanted copper disappear.

Believe it or not I did a SMT TICK keyer not too long ago for a TS-50 using this technique.

72 de Patrick KD4OBQ

You don't need to buy Internet access to use free Internet e-mail. Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html> or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 1 Mar 1999 04:35:35 -0500
From: pmk@juno.com
To: qrp-1@lehigh.edu
Subject: [34435] Portable paddle question using button switches ?
Message-ID: <19990301.043553.10374.0.pmk@juno.com>

Has anyone tried using those little momentary switches found in TV's or VCR's for a paddle? I was robbing them out of old VCR's as the price of a little switch is getting out of hand. I noticed some of them have a long shaft about .250" tall. I noticed when you pull them sideways they still make contact. I put 2 of them side by side and made a few paddles out of balsa and glued them over the shafts. Pressure is very light but have a nice click to them though. I particularly like a light feel but there is no adjustment (simple stupid) but you could spread the switches as wide as one would like.

I still have a bunch of my stuff in the

warehouse from when I thought I was going to move
at the end of last year and never got back to playing
around with the paddle again.

72

Patrick KD4OBQ

AR

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or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 28 Feb 1999 22:35:22 -0600
From: guillotstutoring@juno.com
To: qrp-1@Lehigh.EDU
Subject: [34436] Help: Replacement Transformer
Message-ID: <19990228.224004.-150143.2.guillotstutoring@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I am trying to replace a transformer on a pc board in a BKprecision
oscope #1471. It is about the size of a golf ball. It is marked
L19-0019-05 and SM-5102-4. In the manual it is called a "Converter
Transformer" with B&K part #064-015-9-001. Tnx fer ani help.

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Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 28 Feb 1999 23:56:07 EST
From: N7YA@aol.com
To: qrp-1@lehigh.edu
Subject: [34437] Re: The First
Message-ID: <5a057186.36da1de7@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 2/28/99 7:21:07 AM Pacific Standard Time, kg7pv@hevanet.com

writes:

<< A big thrill for sure. Worth prowling the novice band in a different sort of foxhunt - very rare!

>>

i smell an award working here, given to hams who work a certain number of novice/techs on CW HF. nice job! qrp endorsements are a plus.

73...Adam, N7YA

Date: Sun, 28 Feb 1999 23:03:24 -0600
From: Ron Keener <rkeener@realtime.net>
To: N7YA@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [34438] Re: The First
Message-ID: <36DA1F9C.74C3@realtime.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

why bother with a 'reward'

if you cant enjoy the 'reward' of talking to a new ham and feeling his excitement and enthusiasm and tripidation then what is a piece of paper on the wall going to symbolize

ron
wa0ree

Date: Mon, 1 Mar 1999 00:14:35 EST
From: N7YA@aol.com
To: qrp-1@lehigh.edu
Subject: [34439] Re: The First
Message-ID: <fafdb02b.36da223b@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 2/28/99 9:03:30 PM Pacific Standard Time,
rkeener@realtime.net writes:

<< if you cant enjoy the 'reward' of talking to a new ham and feeling his

excitement and enthusiasm and tripidation then what is a piece of paper on the wall going to symbolize

>>

Simple, there are many ops who do nothing but chase wallpaper, and most dont go up to the novice bands. if you could coax them up there, it would only benefit the newcomers. plus why not have an award like that on your wall? it would mean so much more than the paper its printed on...DXCC itself is just a scrap of paper, but those who have it (well most) earned it, and they can tell you the tales of battle on the way to recieving it...no one can take that away.

but more than anything else, it would be 'bait' to get more folks to go up there and give contacts to the novices and techs. for those that need no provocation, it would still be nice to have if they would want it. just my opinion. but it was just a goofy idea that sprung into my head and sounded kind of neat.

73...Adam, N7YA

Date: Sun, 28 Feb 1999 03:58:48 -0700
From: "Carlos J. Caro" <CJCARO@email.msn.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [34440] Fw: Trouble With Transponder
Message-ID: <000001be6315\$2f828ae0\$7bbc2499@default>

Some might need a chuckle, so regardless of bandwidth read on.
Regards, Carlos #1333

Subject: Your letter of 6/15/97, Problem with transponder.
Date: 1/27/99 1:47 PM
Dear Sir,

Reference your earlier e-mail in which you claimed to have a problem with your transponder. This has nothing to do with the transponder; it's all taken care of in the encoder. You've got it all wrong.

Inside the transponder is a transducer, which converts pressure to an electrical signal. This is the transponder transducer. But, the signal from the transducer is too large, so it has to go through a reducer, known as the transponder transducer reducer. In most modern transponders, the reducer is actually a resistor attached to a transistor in the transmitter, but it's a very special resistor, very difficult to make, and there is only one transponder transducer transmitter transistor resistor reducer producer left in the country. That's why these things cost so much. And it's going to get much worse, soon, since the guy who handles requests for materials transfer at this company (the head shipping clerk, aka the transponder transducer transmitter transistor reducer resistor producer transport transfer

responder) is getting near retirement! Understand now?

Bob Jones, Customer Service

Date: Mon, 01 Mar 1999 00:17:36 -0500
From: Brian Murrey <brian@iquest.net>
To: qrp-l@lehigh.edu
Subject: [34441] CQC Contest - WOW!!!
Message-ID: <36DA22F0.F7CFCB2@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Man, my butt is numb. I worked the whole thing from a hard wooden chair. I only made about 27 contacts, but I worked 19 states and 14 different names, and 9 CQC members. I had a blast!

Did anyone else notice that KC8KFI was using a QRP chainsaw/squeezed duck to do his sending with? <grin> After our exchange he asked me how his tone was, I told him it sounded like a chainsaw hitting a duck. <HIHI> Meant no harm, flame your own mailbox...don't flame me.

I think I scored about 30,000 pts, this is the first whole "contest" thingie I've worked. Logged Paul and Mac and Marshall and Dave even. I must say, that being a Fox this year has helped me tremendously with my code and style. I really appreciate all the help I gotten from here.

Ed Hare, you are a super ham. Thanks for trying to get Vermont in my log, maybe we'll have better luck next time. Mac Steinmeyer, keep telling me all those DX lies just to keep me riled up. Everyone knows you CAN'T work Euro-DX on a attic based dipole and 4W out of a SWL+. It just can't happen, unless of course, it happens here too. <GRIN>

Oh yeah, with the contacts today in the CQC Winter QSO Party, I scored four more states. If they all QSL I'll be down to needing 8 or so. I'm shooting for WAS done on 40M by end of April....anyone going to Hawaii??

72 y'all, I need to get to bed.

Date: Mon, 1 Mar 1999 00:47:17 EST
From: Macstein@aol.com
To: brian@iquest.net
Cc: qrp-1@lehigh.edu
Subject: [34442] Re: CQC Contest - WOW!!!
Message-ID: <80692117.36da29e5@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 3/1/99 0:26:01 AM EST, brian@iquest.net writes:

[Snip]

> I think I scored about 30,000 pts, this is the first whole "contest"
> thingie I've worked. Logged Paul and Mac and Marshall and Dave even. I
> must say, that being a Fox this year has helped me tremendously with my
> code and style. I really appreciate all the help I gotten from here.

Brian, you were one of the most solid stations I worked! 2 watts with your
attic dipole, to my 4 watts and attic dipole. Your progress -- and RATE of
progress is exceptional. Congrats. You just got on the air and started
working.

> Ed Hare, you are a super ham. Thanks for trying to get Vermont in my
> log, maybe we'll have better luck next time. Mac Steinmeyer, keep
> telling me all those DX lies just to keep me riled up. Everyone knows
> you CAN'T work Euro-DX on a attic based dipole and 4W out of a SWL+. It
> just can't happen, unless of course, it happens here too. <GRIN>

Brian, I'll race to to QRP DXCC (grin). DIdn't you hear that Costa Rica
station calling you?!?!?!?

-MAC-
KF4KSM

Date: Sun, 28 Feb 1999 23:10:51 -0700 (MST)
From: Paul Harden <pharden@aoc.nrao.edu>
To: Brian Murrey <brian@iquest.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [34443] Re: CQC Contest - WOW!!!
Message-ID: <Pine.SOL.3.91.990228230709.26364A-1000000@zia>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> Man, my butt is numb. I worked the whole thing from a hard wooden
> chair. I only made about 27 contacts, but I worked 19 states and 14
> different names, and 9 CQC members. I had a blast!
>
> 72 y'all, I need to get to bed.

Brian who ... I mean what's your calls?
I always enjoy reading these post-mortem contest reports, but please
include your calls, as it makes it even more interesting if we have
you in OUR log also.

It was a good contest. Enjoyed it greatly. Had 51 Q's on this end.
Way to tired to attempt higher math skills right now, like addition,
to figure the score.

72, Paul NA5N
CQC #133

Date: Sun, 28 Feb 1999 22:15:00 -0700
From: Alan Dawkins <alk0frp@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [34444] Colorado Winter QSO Party K0FRP
Message-ID: <36DA2254.B07C1228@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

WOW good showing, lots of stations. Many stations from Colorado keeping
the home RF fires burning.

Made some mistakes and I missed 45 min of operating time.

My side mount tribander was stuck by one 80m loop, could not get it to
the west. took 15 min to get it shored up. Broke the loop in the
process. Only 3 q's on 80m using my 160m sloper. Also had to take the
kids video tapes back and lost an half hour. Glad condx were good and
kept the rates up.

This is a total guesstimation (is that a word??) about 760 QSOpts 75
SPC's 18 names, this may be close to a 7 figure score, should have eat
the late fee on the video tapes to ensure a 7 figure score. I may be
short of the 7 figures.

Now last Summer's Contest only 30 sent in logs. I worked well over 100 stations so LETS SEE THE LOGS. Two pages of scores for the Low Down. Real scores will be figured after hours in Los Angeles next week. ALL IN ALL A LATE AFTERNOON AND EVENING FUN FOR ALL CONTEST
Al K0FRP

Date: Sun, 28 Feb 1999 23:17:30 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-1@Lehigh.EDU
Subject: [34445] CQC Winter Party de AB7TT - Fun Stuff!
Message-ID: <199903010617.XAA16050@usr07.primenet.com>

Howdy All,

Well that was a hoot! Spent just under 3 hours swapping RF with folks in the CQC Winter QSO Party. Of great importance is that I was finally able to prove that I can STILL work AL7FS. :-) (Thanks Jim!) Had quite a dry spell going there, was getting worried....

Another Happy Happy Joy Joy Moment(tm) was when the elusive HP1AC (Cam) answered my CQ on 20M! Yeah I know, some of you guys have Cam all over your logbook, but for some reason I was never able to get him. Until today, that is. Thanks Cam! 2xQRP DXCC is looking less and less like a sad pipe dream. :)

Was also tons of fun working the Milliwatt Marauders. Setting the standard was KJ5TF (Jim in AR) at 70mW, followed by K7TQ (Randy in ID) at 500mW, and capping the night was WD3P (Larry in MD) at 500mW. AB4MZ (Bob in NC) reported running 1 watt, close enough to be an honorary milliwatter. ;-) Something fun about working stations that are running less power than you generate by blowing your nose. *8-)

Nice to work all the usual suspects and some new calls (to me) as well. Worked all over North America (and Panama ;-)) this time, nice to know my RF still goes somewhere other than straight up! Thanks to all who answered my call and took time for fills as needed. I lost two of you completely (WA8VMF and K7FUP), there one minute gone the next. Sorry!

Thanks to the CQC Gangue for putting this little shin-

dig together! Already emailed my summary/log, now I can start attacking my own email backlog.... Hope everyone had a fun weekend!

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions

Date: Sun, 28 Feb 1999 22:53:03 -0800 (PST)
From: Ron Stark <ku7y@dri.edu>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [34446] CQC Contest
Message-ID: <Pine.SOL.3.96.990228224116.25936E-100000@vortex.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Wow,

Lots of fun for me!

10m was a bust, just like Paul said it would be. 15m didn't do too well either. 20m and 40m were the work horse bands for me. Listened once or twice on 80m but never heard a peep.

BAND	Raw QSOs	Valid QSOs

40CW	62	62
20CW	62	62
15CW	12	12
10CW	2	2

Totals	138	138

When I first went to 40m the power line noise came on and was running S7 to S9. This lasted for almost an hour and then is stopped.

That was also when it was raining! (I'm working with the power company RFI eng but so far it's been a bust).

Looking at how the rate went, it shows the slowing during both the noise and a long phone call I had to take.

HOUR	40CW	20CW	15CW	10CW	TOTAL	ACCUM
----	-----	-----	-----	-----	-----	-----
22	0	12	9	2	23	23
23	0	24	3	0	27	50
0	2	24	0	0	26	76
1	16	1	0	0	17	93
2	20	1	0	0	21	114
3	24	0	0	0	24	138

Overall the rate stayed about the same. One slow hour but I knew that would happen when I got on the phone!

OK, now I'm off to bed and will try to figure my score out tomorrow at noon.

A big THANKS to all for the QSOs. I had a great time.

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Mon, 1 Mar 1999 00:40:35 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-l@lehigh.edu, cqclist@mtechnologies.com
Subject: [34447] CQC Test
Message-ID: <199903010740.AAA20104@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Now THAT was fun! There were a few draggy minutes here and there but I was able to keep busy most of the time and handed out my number something like 135 times. Participation seemed to be up as compared with the Summer party, and it sure was great to hear some of our more distant members (including Panama and AK) as well as all the "regulars."

Paul (NA5N) was spot-on with his pre-prop so no doubt he will be consulted in advance of future events.

I see there are already three logs in the basket, so hope everybody else will sharpen their pencils and send 'em in.

Thanks to everybody who participated and I'm looking forward to next time.

73

Marshall Emm

N1FN/VK5FN

n1fn@MorseX.com

Morse Express

"Everything for the Morse Enthusiast"

<http://www.MorseX.com>

(303)752-3382

--

Date: Mon, 1 Mar 1999 07:23:36 -0500

From: "JEFFREY MICHAEL POULIN" <jpoulin@erols.com>

To: <qrp-l@lehigh.edu>

Subject: [34448] upgrade to General - finally

Message-ID: <199903011217.HAA18481@smtp3.erols.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Dear Folks: WEEE HAAAA!!!! I upgraded to Genaral after FINALLY passing the 13 wpm code test Sunday morning. Apparently, the third time was the charm. Happy Dance Time!!

Part of the reason I succeeded was due to the encouragement and enthusiasm on this list. THANK YOU ALL!! The QRP-L reflector is one of the best repositories of the qualities that make ham radio shine. And the Fox Hunts are invaluable. What a great way to build experience, excitement, and confidence in CW use.

To all those struggling to upgrade: STAY WITH IT ! If you can improve your copying speed by only ONE wpm every month or two, you will upgrade within a year. I am living proof that it can be done despite health problems, work distractions, and lacking any particular talent for code, as long as the interest is there.

Operate when you can.

Copy as often as possible, as much as possible.

Stop when you get tired or frustrated.

Stay in touch with people who ENJOY using code. (This list, FISTS, etc.)

Expanded privileges, here I come !!

72 de Jeff KF4JSV/AG
Manassas, Va
QRP-L # 743 FISTS # 5497

Date: Mon, 1 Mar 1999 06:57:40 -0600
From: "Jim Hale" <kj5tf@madisoncounty.net>
To: "QRP-L" <QRP-L@Lehigh.EDU>
Subject: [34449] Happy99 - ARRL DX test/milliwatts
Message-ID: <004c01be63e3\$17ad1e20\$3259edd0@user>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I sent in a posting earlier today, but dont see it in the latest QRP-L so
will fire this off just in case.

(Just found that my new browser is set to HTML! I fixed that)

Sorry for the attachment on my posting 2 weeks ago. I was sent the virus by
another ham who also had no idea it was in there. As soon as I knew, I tried
to remove it, and found I had nothing much left that worked. So now cleaned
up, and running Win98. And have Norton antivirus installed. I'll update
weekly from now on.

Hope I didnt infect anyone, but if I did I'm sorry, and sure didnt do it on
purpose.

I'll have a report very soon on the results from the ARRL CW DX test.
Basicly I ran low down milliwatts, and worked 42 DXCC's and had 72 QSO's. It
was a blast!

Best DX was 35mW to VK2AYD, 15mW to JR3NZC, and 7mW to WP3R. Those big guns
sure hear very well!

72/71's de Jim KJ5TF AR QRP #2

Date: Mon, 1 Mar 1999 05:01:23 -0800

From: Brian Murrey <brian@iquest.net>
To: jpoulin@erols.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [34450] Re: upgrade to General - finally
Message-ID: <99Mar1.050249pst.17099@firewall.bellind.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

WAY TO GO!!!

Good job. Yup, this list and the fine fine folks on it are a huge help.
I just can't say enough about them. (all good mind you)

72 de KB9BVN

JEFFREY MICHAEL POULIN wrote:

>
> Dear Folks: WEEE HAAAA!!!! I upgraded to Genaral after FINALLY passing the
> 13 wpm code test Sunday morning. Apparently, the third time was the charm.
> Happy Dance Time!!
>
> Part of the reason I succeeded was due to the encouragement and enthusiasm
> on this list. THANK YOU ALL!! The QRP-L reflector is one of the best
> repositories of the qualities that make ham radio shine. And the Fox Hunts
> are invaluable. What a great way to build experience, excitement, and
> confidence in CW use.
>
> To all those struggling to upgrade: STAY WITH IT ! If you can improve your
> copying speed by only ONE wpm every month or two, you will upgrade within a
> year. I am living proof that it can be done despite health problems, work
> distractions, and lacking any particular talent for code, as long as the
> interest is there.
>
> Operate when you can.
> Copy as often as possible, as much as possible.
> Stop when you get tired or frustrated.
> Stay in touch with people who ENJOY using code. (This list, FISTS, etc.)
>
> Expanded privileges, here I come !!
>
> 72 de Jeff KF4JSV/AG
> Manassas, Va
> QRP-L # 743 FISTS # 5497

--

=====
KB9BVN :NORCAL #2792 FISTS #5695 QRP-L #1540
39.558 N 86.095 W Johnson Co., Indiana
GRID: EM69WN - NORCAL 40A - Attic Dipole - 1.8w
=====

Date: Mon, 1 Mar 1999 08:18:30 -0800
From: ke3fl@juno.com
To: qrp-l@lehigh.edu
Subject: [34451] EMC Testing?
Message-ID: <19990301.081831.9222.2.ke3fl@juno.com>

Just a quick question, does anyone know what EMC Testing is?

72 & 73 de KE3FL
Phil K

e-mail: ke3fl@juno.com
Web: <http://www.qsl.net/ke3fl>

Anyone can buy a radio, an antenna, microphone, plug it in the wall and talk, but a real ham can take two pieces of wire and beat them together, and send a message when the going gets tough.

Talk is cheap, real hams beep.

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 1 Mar 1999 05:24:24 -0800
From: Brian Murrey <brian@iquest.net>
To: qrp-l@Lehigh.EDU
Subject: [34452] QSL's away!
Message-ID: <99Mar1.052551pst.17093@firewall.bellind.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

OK, I'm the one always complaining about hams that don't QSL. Well I've been negligent in my QSL duties this month (Feb) and didn't send many

cards. Spent the weekend doing two things, catching up my QSL cards and working the CQC Winter Party.

I just dropped about 100 QSL cards in the mailbox. This includes the coveted Fox QSL from February 17th (UTC of course), the coveted FISTS Novice Roundup QSL from a couple of weeks ago, and assorted others that I met on the air between times.

After the CQC, I'm behind again. Funny thing about QSL's, I had given up on getting a QSL from my first CW contact. It had been since September 7th of last year, when BLAMO....right here in the mail on Saturday was the card!! I have it framed and hanging above my rig. Getting a needed QSL is like playing golf....you have 14 crummy holes, you're ready to swear the game/practice off, then out of the blue you hit a drive that's perfect, or you get a long lost card in the mail....and everything is fine again. Life is good.

--

```
=====
KB9BVN :NORCAL #2792 FISTS #5695 QRP-L #1540
  39.558 N   86.095 W   Johnson Co., Indiana
GRID: EM69WN - NORCAL 40A - Attic Dipole - 1.8w
=====
```

Date: Mon, 1 Mar 1999 08:35:43 -0500
From: "Ricvhard Hensel" <rrhensel@sprintmail.com>
To: <jadepro@jadeprod.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [34453] RE: Curtis Keyer Chips, 8044ABM (or other), Do you have any?
Message-ID: <000201be63e8\$67a176b0\$0317e590@nos_rrhensel>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I see that MFJ now sells the Curtis Chip

Richard Hensel
SPRINT
rrhensel@sprintmail.com
n8wlc@arrl.net

When you have a hammer in your hand ...
 The whole world looks like a nail.

Anyway, if you can help out some of these folks looking for parts, it would be appreciated.

Dennis, K1YPP

Jade Products, Inc.
PO Box 368
East Hampstead, NH 03826-0368
Phone: 603-329-5465
FAX: 603-329-4499
Telephone hours from 16:00 EST to 22:00 EST

Date: Mon, 1 Mar 1999 09:15:30 -0500
From: "J. Eric Jessen" <E.Jessen@orion-consulting.com>
To: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>
Subject: [34454] FW: EMC Testing?
Message-ID: <1C7185682F54D2119C7200104B2EE1F6083A7F@MAILMAN>
MIME-Version: 1.0
Content-Type: text/plain

EMC testing is usually lumped together with EMI testing. EMC stands for Electro Magnetic Compatibility, and EMI stands for Electro Magnetic Interference, (kind of like generic TVI, without a TV). The purpose of this kind of testing is to check for spuriously radiated signals, (whether or not you happen to be transmitting) and their effect on other electrical/electronic products or devices.

Not sure where you'd find standards for this, but check the FCC web site as they are the ones most concerned this kind of stuff. It's normally required for meeting type acceptance criteria. You might find it under the part 15 rules, as the only things I've ever seen tested for this recently are personal computers and peripherals.

73 de N8AUC
Eric

> -----
> From: ke3fl@juno.com[SMTP:ke3fl@juno.com]
> Reply To: ke3fl@juno.com
> Sent: Monday, March 01, 1999 11:18 AM
> To: Low Power Amateur Radio Discussion

> Subject: EMC Testing?
>
> Just a quick question, does anyone know what EMC Testing is?
>
> 72 & 73 de KE3FL
> Phil K
>
> e-mail: ke3fl@juno.com
> Web: <http://www.qsl.net/ke3fl>
>
> Anyone can buy a radio, an antenna, microphone, plug it in the
> wall and talk, but a real ham can take two pieces of wire and
> beat them together, and send a message when the going gets
> tough.
>
> Talk is cheap, real hams beep.
>
>

> You don't need to buy Internet access to use free Internet e-mail.
> Get completely free e-mail from Juno at
> <http://www.juno.com/getjuno.html>
> or call Juno at (800) 654-JUNO [654-5866]
>

Date: Mon, 1 Mar 1999 08:35:11 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>
Subject: [34455] QRP-Canada web page
Message-ID: <Pine.LNX.3.95.990301083303.24590A-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

For those of you who are able to surf the web with a graphical browser,
you can see the QRP-Canada web page by going to:

<http://www.rac.ca> and then click on "Services to RAC members" and go
down the list to "QRPCanada page on this web site"....

...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - Regina, Saskatchewan. Canada
"QRP! How sweet it is!"

Date: Mon, 1 Mar 1999 09:32:17 -0800

From: ke3fl@juno.com
To: qrp-1@lehigh.edu
Subject: [34456] Copper corrosion/pitting?
Message-ID: <19990301.093218.9222.4.ke3fl@juno.com>

My antenna broke this past week. Saturday I fixed it and found that where I had wrapped the wire around itself there were pits, like corrosion, and the wire was very brittle at those locations.

This was at one end of the antenna where it is supported by a rope & tree. I had looped the wire through the insulator & wrapped it around itself. I then soldered the first two loops but did not solder the rest. Where it was not soldered there were periodic weak pitting-corrosion points. The antenna is pretty flat, about 20' up all around.

Any ideas? Was it due to arching & water getting caught at these locations?

72 & 73 de KE3FL
Phil K

e-mail: ke3fl@juno.com
Web: <http://www.qsl.net/ke3fl>

Anyone can buy a radio, an antenna, microphone, plug it in the wall and talk, but a real ham can take two pieces of wire and beat them together, and send a message when the going gets tough.

Talk is cheap, real hams beep.

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or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 1 Mar 1999 07:45:44 -0700
From: Niel Skousen <skousen@srv.net>
To: qrp-1@lehigh.edu
Subject: [34457] FS: IC737A, FT530, PS, TNC etc.
Message-ID: <v04003a02b300584090c3@[12.7.221.121]>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang,

I've still got a friends gear for sale. All is in MINT condition.

I don't sell much on the list, so if I'm guessing prices way wrong,
please say so - I won't be offended... all prices are 'best offer' as well.

IC737A \$725 (160-10m, 100w, Gen.coverage rx, mint <10hrs on the air)
FT-530 215 (2m/450 5w, 2 avail)

May also have more stuff later...

Niel

Niel Skousen : WA7SSA skousen@srv.net
Idaho Falls, ID QRP-L.119 fr DN33wm

Date: Mon, 1 Mar 1999 08:45:27 -0600
From: Bcieslak@ra.rockwell.com
To: qrp-l@lehigh.edu
Subject: [34458] QRP 40 M operating/calling Freq.
Message-ID: <86256727.004F35CE.00@ramilwsmt01.ra.rockwell.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

Is there any reason why we can move our operating activities to the near
desolate novice band. I finally got tired of
all the RTTY and PSK QRM and spent the weekend in the novice band. Very
nice, lots of room, and it was easy to steer around the SW stations since
they stay in one spot (the dsp helped too). 40 M novice band in my new
permanent home for QRPing. I've already found a lot of company there.
Maybe next year we should have our fox hunts there.

IMHO,
Brian AE9K

Date: Mon, 1 Mar 1999 09:33:37 -0600
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [34459] RE: Copper corrosion/pitting?
Message-ID: <000301be63f8\$e0a7b8c0\$d8016f81@muenzlerk.uthscsa.edu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I was having a problem similar to yours. I fixed it by soldering the connections. It is probably caused by the combination of water gathering in the connections and RF energy. The water tends to stay where the wire is tied together like a "sponge." The EMF energy causes electrolysis with the water the same way that salt causes the electrolysis of iron making it rust.

Kevin, WB5RUE

> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU
> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> ke3fl@juno.com
> Sent: Monday, March 01, 1999 11:32 AM
> To: Low Power Amateur Radio Discussion
> Subject: Copper corrosion/pitting?
>
>
> My antenna broke this past week. Saturday I fixed it and found that
> where I
> had wrapped the wire around itself there were pits, like
> corrosion, and
> the wire was very brittle at those locations.
>
> This was at one end of the antenna where it is supported by a rope &
> tree.
> I had looped the wire through the insulator & wrapped it
> around itself.
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> then soldered the first two loops but did not solder the
> rest. Where it
> was
> not soldered there were periodic weak pitting-corrosion points. The
> antenna
> is pretty flat, about 20' up all around.
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> Any ideas? Was it due to arching & water getting caught at these
> locations?
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> Phil K
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> e-mail: ke3fl@juno.com
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Date: Mon, 1 Mar 1999 08:43:26 -0700
From: Brad Mugleston <bmug@gwl.com>
To: "'qrp-1'" <qrp-1@lehigh.edu>
Subject: [34460] Linux
Message-ID: <01BE63BF.93D58560.bmug@gwl.com>

OK, there are two versions of RedHat Linux out - actually versions is the wrong word. Both are Version 5.2. One has a picture of a Penguin on it the other has looks like a bulls eye with a person wearing a hat in the center.

Anyone got any idea what the difference is? I'm looking to pick up a copy and don't know which way to go. Both boxes say about the same thing (at least to me).

de KI00T, Brad

Date: Mon, 1 Mar 1999 08:45:51 -0700
From: Brad Mugleston <bmug@gwl.com>
To: "'qrp-1'" <qrp-1@lehigh.edu>
Subject: [34461] NC-20

Message-ID: <01BE63BF.EA3B22C0.bmug@gwl.com>

Well, things are going really well now that I found out I don't do coils that well. I've been able to move on to the next level but I discovered I lost the 6.2K resistor (will pick one up tonight) so again It will be probably next weekend before I get much done.

I do have a question. Will this rig work with a straight key? I sure hope so as my paddle speed is even slower than I am.

de KI00T, Brad

Date: Mon, 1 Mar 1999 08:54:43 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: jpoulin@erols.com
Cc: qrp-1@lehigh.edu
Subject: [34462] Re: upgrade to General - finally
Message-ID: <199903011554.IAA19075@usr07.primenet.com>

Howdy Jeff,

> Dear Folks: WEEE HAAAA!!!! I upgraded to Genaral after FINALLY passing the
> 13 wpm code test Sunday morning. Apparently, the third time was the charm.
> Happy Dance Time!!

MANY CONGRATS! On the one hand it's sad that we lose another N/T+ for the Fox Hunts, on the other hand I guess that's ultimately the whole point anyway. *8-)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions

Date: Mon, 01 Mar 1999 11:06:30 -0500
From: elawson@lr.net (Ed Lawson)
To: "bmug@gwl.com" <bmug@gwl.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [34463] Re: Linux
Message-ID: <19990301155601.AAA11029@office4.office.new>

MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

On Mon, 1 Mar 1999 08:43:26 -0700, Brad Mugleston wrote:

Both are Version 5.2. One has a picture of a Penguin on it the other
>has looks like a bulls eye with a person wearing a hat in the center.
>
>Anyone got any idea what the difference is?

One is from Red Hat directly. The other is packaged by SAMS I think and contains
some additional docs on CD. Pay your money and take your choice.
The software is the same as far as I know. Personally I would go with the
packaging from Red Hat which is the one with guy in the Red hat.

Good luck. If you have any questions, let me know. I've used Red hat for awhile.

Ed Lawson
K1VP

Date: Mon, 01 Mar 1999 08:13:06 -0800
From: Norm Melick <henmel@worldnet.att.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [34464] H.A.A.R.P.
Message-ID: <36DABC92.801626BA@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

They just announced the testing dates times, and
information.
If you wish to participate in this test, this URL will help.

http://w3.nrl.navy.mil/projects/haarp/ltst/hh2_0.html

72,
Norm/KQ6SD

Date: Mon, 1 Mar 1999 10:53:22 EST

From: SKIPNC90@aol.com
To: ntan@crosslink.net, qrp-1@Lehigh.EDU
Subject: [34465] Re: PCB tip
Message-ID: <1156e3c9.36dab7f2@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 99-02-28 20:43:47 EST, ntan@crosslink.net writes:

<< I tried making a mirror image of the layout, hoping to
transfer it to the bottom of the copper board, using carbon paper. It
didn't work. >>

Hi Neil,

The way I make mirror images of the layout I to place the carbon
paper face up and put my layout on it. Retracing the layout will give
you a mirror image on the back side of the page that you easily
transfer to your circuit board.

73, Skip Davis NC90

Date: Mon, 1 Mar 1999 08:31:06 -0800
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-1@lehigh.edu>
Subject: [34466] NorCal 20 KIIts Available
Message-ID: <01be6400\$e7d92d60\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Guys, when we do a kit, we have to kit extras to make sure that we have
enough to cover the mistakes that are made when you have several hundred
orders. We believe that we have the ordered rigs covered and find that we
have excess kits. Since the cost of the kits suffered an over run of
expected costs, we will now sell these kits at the original price to help
cover those costs. Here is the procedure. If you wish to order a kit,
send me an email with your name and address in the following format. Please
title the message NC20 Order.

First Last
Address

City, State, Zip

Then when I send you a confirmation that we have a kit for you, send Jim Cates a check for \$100 if US, \$105 DX, \$110 Pacific Rim. When Jim receives the check, he will ship the kit. DO NOT email Jim about the availability of a kit, work through me, as I have the list. I will post to the list when we are out of kits. The list will start now, and kits will be sold as I get orders. You will have 10 days to get your check to Jim Cates. Good luck.
72, Doug, KI6DS

Date: Mon, 1 Mar 1999 10:27:07 -0600
From: "Nathan Odle" <nodle01@mail.coin.missouri.edu>
To: <qrp-1@lehigh.edu>
Subject: [34467] 30m SST Update
Message-ID: <000601be6400\$59d71cc0\$8dc9ce80@nathan.missouri.edu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

I posted some problems with my SST awhile back, and have been trying to troubleshoot it when I get a chance. I was asked to let the group know what the situation was, so here goes:

The initial problem with a lack of TX AND RX. On the RX side, with the volume cranked full CW I could hear a slight hiss, so I knew the audio amp was working. On the TX side, I knew the oscillator chain was good, because I could hear myself on the monitor receiver, but no output from the antenna jack. This pretty much narrowed the problem down to the output filter - it's involved in RX and TX, and it's after the oscillator chain.

A thorough check revealed something I missed in the first couple of looks at the problem - one of the toroids was open. I missed it earlier because I had inadvertantly been touching the DMM probe to the end of the wire (and found continuity), but later discovered there wasn't any continuity between solder pads. Checked ALL the solder pads again just to be sure, but the one was all that had a problem. Out came the toroid - I rewound it for good measure, stripped the ends VERY carefully, and reinstalled. Flipped the power on, and was greeted by the beautiful sound of atmospheric noise. All was well, or so I thought. Tried keying the rig, STILL no TX output.

Rechecked solder pads, the zener diode, drive pot, and C31. All A-OK.

Finally pulled Q2, the final transistor. Made a check (according to directions from Mike Heitmann - N0SO), and discovered it was open. Mike seemed to think it was probably a result of the mismatch created by the open toroid in the output filter. I have a replacement 2SC799 on the way, along with one of the ECG parts mentioned in the manual. Going to try the hopped-up ECG-series and see how it does. If it doesn't work out, I'll install my replacement 2SC799.

So there you have it. Hopefully this info will help someone out. I'll let you all know if the SST comes to life as soon as the transistors get here! Hopefully not long thereafter you'll hear me on 30m QRP...

73,
Nathan
KB0NNV

Date: Mon, 1 Mar 1999 09:27:39 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-1@Lehigh.EDU
Subject: [34468] Hey Upgrades! Try 30M! Really!
Message-ID: <199903011627.JAA21113@usr07.primenet.com>

Howdy Folks,

With new General upgrades on the List (and others getting ready to do so), I thought I'd put in a plug for my favorite band - 30m. So, why 30m?

First off, it's one of the most polite and friendly bands. I've never been QRM'd/tuned up on while operating there. Maybe I've just been lucky, or perhaps the band just attracts ops with better "ears". :-)

Next, despite the fact that we're a secondary service on the band (must not QRM the existing fixed services), there's plenty of clear operating space.

30M is also nice for QRP in particular, since there's a 200W limit for the band.

Finally (and perhaps most important) there's DX you can work! Lots of it! Like the other WARC bands (and 10M) you General hams have access to the *entire* amateur band on 30m! No more listening to DX 25KHz

below your privileges. If you hear it, you can work it! And the DX is there, guaranteed. Sunspots or not!

The trick with 30m (like any other band, but somehow a bit more "magical" here) is to simply learn how the band behaves. If I want to work the Pacific Rim, I know that my HB 1/4-wave Vert will start pulling in JAs and ZLs about 5-6 hours after local sunset. If I want to work Europe, "greyline" propagation is the ticket.

>From AZ I can almost always work at least one trans-pacific station each and every night (barring solar storms). In fact, by amazing coincidence, last night I received a 559 from Tony in New Zealand, and a 579 from Masa in Japan . ;-) And yes, I was QRP with my simple HB ground-mounted wire vertical (the 34 radials help!).

Your mileage may vary, but if you've been sitting around looking for a great spot to park your RF, I can nearly guarantee 30M will surprise you. One of the best kept secrets of ham radio. Just don't tell anyone else. ;-)

So cut an antler for 10.1 MHz and give it a try! Here's a tip - many of the JAs hang out between 10.125 and 10.135. Not sure why, may be due to interference lower down by the fixed services.

Happy Monday to ya! And be sure to tell us about your first "real" DX QSO!

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions

Date: Mon, 01 Mar 1999 16:46:06 +0000
From: Goran Hosinsky <hosinsky@royac.iac.es>
To: qrp-1@lehigh.edu
Subject: [34469] lubrication of rollercoil
Message-ID: <36DAC44E.DDC1D481@royac.iac.es>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi,
I am trying to revive an old roller coil which is intermittent. I have
opened it
up and cleaned the contact surfaces but I would like to lubricate the
sliding
contacts at each end of the coil and the copper tube on top where the
little
wheel goes. What should I use for lubrications? Contact spray?

73
Goran ea8yu
La Palma Island

Date: Mon, 01 Mar 1999 10:53:34 -0500
From: rhiller@sysdev.com (Rick Hiller)
To: qrp-l@Lehigh.EDU
Subject: [34470] Backpacking Rig Battery/charging inquiry
Message-ID: <3.0.5.32.19990301105334.008436d0@stephen.sysdev.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Howdy QRP-L'ers,

I'd be interested in hearing from other backpacking QRP'ers as to what
battery/ charging system they have in use.

My scenario is to use the Norcal 20(repackaged). Operation would be a
maximum of 1.5 hours per day with a 15% transmitting use. Duration of
backpacking trip is 12 days.

I have thought of using the small flat pack cell-phone batteries at nominal
1500mah at 12 v. Charge would be through a solar panel (say 14 volt with
50 mils out) with an inline solar charge controller (might not be necessary
though).

Hope you fellow QRP'in backpackers can provide me with some good feedback.

Thanks and 73....Rick...W5RH

Rick W5RH in Houston

Date: Mon, 1 Mar 1999 08:35:04 -0800
From: william h ross <k6mgo@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [34471] Fw: Portable paddle question using button switches ?
Message-ID: <19990301.090022.-72107.0.k6mgo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

<snip>

Has anyone tried using those little momentary switches found in TV's or VCR's for a paddle?

I have used an old computer mouse for a paddle when I was mobile (at rest). They are light, small, and don't come apart very easily. They won't go 40-50 WPM, but worked fine for me in the 12-20 WPM range. Just take out the ckt. bd. and everything esle execpt the two micro switches and the cable. Got mine at a swap meet for 25 cents.

72 & zut
Bill, K6MGO Marina Del Rey, CA

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Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 01 Mar 1999 11:17:50 -0600
From: Ron Keener <rkeener@realtime.net>
To: Bcieslak@ra.rockwell.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [34472] Re: QRP 40 M operating/calling Freq.
Message-ID: <36DACBBE.6B11@realtime.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Brian - i dont think you spent enough time in the 40 meter novice band

during the prime evening hours (0000z to 0400z) there are only 10 kc of USABLE space in those 50 kc - even then i quite often end up using both my heath audio filter and the radio shack dsp (and occasionally even my mfj analog filter) in order to get a qso between the cw and bdcast qrm -

adding a few hundred more signals into that space will make them useless
- after 0400 i agree you can have a qso almost anywhere without even
using more than the normal bandpass filter - i have gone down to 7040
many times to listen - it sounds like a graveyard compared to 7112

sometime for fun try copying a 119 qrp signal on 7111 with a s9+50
bdcast carrier in the background - i did it last night with brian (the
fox) from indiana with his 1.8 watts to an attic dipole - we have qso'ed
a couple times and it is always a struggle - last night i was only using
the heath filter and a very experienced mental filter - there were a
couple s9+ cw stations within 500 cycles plus the carrier plus qrn plus
audio splatter from radio yugoslavia at 7115 - and you think you have it
rough on 7040!

72/73 (and no flame intended - just some of my dry sarcasm - hi hi)

--

ron keener (in the beautiful Texas hill country near Austin, Texas)

```
*****
*           MidAmerica Breeding Technology           *
* Using Technology to Enhance Your Breeding Program *
*           *                                       *
* ID-1 natural colostrum based immune system stimulant *
*           http://www.colostrum.com                 *
*           *                                       *
* Ovatec electronic heat cycle detection              *
* BirthAlert beeps you at foaling time               *
* SureFeed stops those wasteful feed slingers       *
*           http://www.eamproducts.com               *
*           *                                       *
* AlertoMast electronically detects mastitis in 2 seconds *
*           *                                       *
* miniature longhaired Tennessee Stiffleg (fainting) goats *
* home of Zeigy - Anheuser Busch ZeigenBock beer mascot goat *
*           http://www.hopnotes.com                  *
*           *                                       *
*           Great Pyrenees guardian dogs             *
*           *                                       *
*           Amateur radio station WA0REE             *
*           *                                       *
*****
```

Date: Mon, 01 Mar 1999 09:02:48 -0800
From: "Arthur G. Silvers" <ags@ieee.org>

To: qrp-1 <qrp-1@Lehigh.EDU>
Subject: [34473] RE: J37 - J38 Keys
Message-ID: <36DAC838.E1BD1FB0@ieee.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Does anyone know where Navy type nobbs can be acquired for the J37/38?

72/73 Arth W6AGS

Date: Mon, 1 Mar 1999 10:31:44 -0700
From: "Steve/n0tu" <n0tu@webaccess.net>
To: "QRP-L" <QRP-L@lehigh.edu>, "CQCList" <CQCLIST@MTECHNOLOGIES.COM>
Subject: [34474] CQC+QRP Test = FUN!
Message-ID: <003701be6409\$64a26480\$89a8a3cc@S&P.www.webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Yeeeeuph! ..That was a blast! I only had a few minutes to pop in and out. I was hanging light fixtures outside yesterday in the nice wx. Still racing the clock on interest rates and final inspection here!

Tks to our resident guru of propagation - witchdotctor of solar wind forecasting -Paul Harden called this one right on! Started high and early on 15m w/10 Qs ...later dropped to 20m for 21Qs and finished up on 40m for 12 more. Great to have good cndxs and hear all the gang on the air!! Thanks to all! Tooo much FUN! so when is QRP to the Field?

TU & 72/73 ...Steve/n0tu-Monument,CO
<http://www.webaccess.net/~s&p/HRindex.htm>

Date: Mon, 1 Mar 1999 09:41:20 -0800
From: "Alan Kaul W6RCL" <alan.kaul@worldnet.att.net>
To: <ags@ieee.org>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [34475] Re: J37 - J38 Keys w/ Navy Knobs
Message-ID: <19990301174244.BUXV13826@oemcomputer>
MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

NAVY Knobs.... in the 50's were often nothing more than a poker chip with a hole drilled in it to fit between the regular knob and the key. Then one of the catalog places started selling them in black for a nominal amount. But I haven't seen one for sale in years. 72/3 de alan

Alan Kaul, W6RCL, LaCanada-Flintridge, CA
<http://home.att.net/~alan.kaul/qrp.html>
alan.kaul@worldnet.att.net
w6rcl@amsat.org

Date: Mon, 1 Mar 1999 10:03:51 -0800
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-1@lehigh.edu>
Subject: [34476] Attention John Evans;, N0HJ
Message-ID: <01be640d\$dcc67a60\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

John, sorry for the bandwidth but your email keeps bouncing. You are confirmed for a NC20. Please acknowledge this message via private email. Sorry for the bandwidth guys. Still have a few kits left, but they are going FAST! 72, Doug, KI6DS

Date: Mon, 01 Mar 1999 09:59:10 -0800
From: Danh Le <dle@san-jose.tt.slb.com>
To: ki6ds@dpol.k12.ca.us, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [34477] Re: NorCal 20 KIIts Available
Message-ID: <199903011758.JAA23553@iris.san-jose.tt.slb.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 08:31 AM 3/1/99 -0800, Hendricks, Doug wrote:

Hi Jim,

I would like to get one.

Danh, Le, KE6d
245 Valmy Street
Milpitas, CA 95035

```
=====
Danh Le
Amateur Radio Station KE6D    ke6d@w6yx.ampr.org          (packet)
245 Valmy Street              dql@ke6d.ampr.org          (play)
Milpitas, CA 95035            dle@san-jose.tt.slb.com    (work)
=====
```

Date: Mon, 1 Mar 1999 12:13:42 -0600
From: "Larry Cruise" <aa5ta@texasonline.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [34478] RE: Monopole Vertical?
Message-ID: <000a01be640f\$6b4f51c0\$9d10cfd0@fpfzqlga>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>I plan to lay down some radials, but I heard about feeding it "folded
unipole" or some fashion that doesn't >depend on the radials system so much
for it's performance?

I use to believe that the folded unipole had this attribute among others
after reading several articles in the Ham literature. I was first introduced
to the folded unipole in an article that appeared in the May 1979 issue of
Ham Radio Magazine titled "The Folded Umbrella." In the mid 80s I built one
and did some A-B testing on 40M with a friend who had a standard 1/4
vertical with a fair radial system. His system was working better until I
installed (16) 15 foot radials. After doing that the A-B comparisons seemed
to favor the unipole over the standard vertical.

After a number of years and having built some smaller versions of my original
unipole I have come to the conclusion that my larger unipole results were do
more to polarization deversity effects because of the large diamond shape
loop of the drop wires. Picture a vertical pole with two diamond loops at
right angles to each other. The loops are joined together and attached to
the top of the pole. The bottom loops are joined together but attached to
one side of the open-wire feed line at the bottom. The other side of the
open-wire feed went to ground along with the base of the vertical pole. I

used this configuration for about a year before deciding to move it further away from the house because of TVI and phone interference.

I used various configurations of this antenna on all bands with good results for a number of years. It however doesn't work any better than a standard vertical of the same size. I started to suspect this after making some comparisons between a standard vertical and one of my smaller folded unipole designs.

For an in-depth NAB paper along with graphs and data comparing the Folded Unipole with the standard 1/4 wave check out the following URL:

<http://www.dlr.com/dlrweb/papers/nabpaper/Nabpaper.htm>

After reading this article it only confirmed what I had been suspecting for some time about the unipole. Below is a small abstract of the article.

PURPOSE OF RESEARCH

The folded unipole is sometimes viewed as having beneficial characteristics beyond its utility for shunt feeding towers which must be grounded at their bases. One common belief is that a folded unipole produces significantly higher radiation than a series-fed tower of the same height. Two additional, related beliefs are that a folded unipole does not require a ground system and that, if the wire cage dimensions can be adjusted to produce a much higher input resistance than for the serie-fed case (meaning lower input current), the current flowing in the ground system can be reduced. It is also commonly believed that folded unipoles have better bandwidth than series-fed towers. A test plan was devised to evaluate the performance of a folded unipole in comparison with a series-fed tower with these areas of interest. . .

This should dispel the "myth" of the unipole, a myth I bought into myself.
:)

-72 Larry aa5ta (West Texas)

Date: Mon, 1 Mar 1999 10:44:48 -0800
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-1@lehigh.edu>
Subject: [34479] NC20 Extra Kits Sold Out.
Message-ID: <01be6413\$95830320\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The extra insurance NorCal 20 kits have been sold out. Thank you for your interest. Confirmations of every order have been sent. Please get your check in the mail as soon as possible, as you only have 10 days to get it to Jim. Jim will get the kits from me on Sunday, and he will start mailing them next week. They are all ready to go, all that he needs is to get your check and he ships the kit. 72, Doug, KI6DS

Date: Mon, 1 Mar 1999 13:44:06 -0500 (EST)
From: Caldera OpenLinux User <qrp@cisgw3.law.pace.edu>
To: qrp-l@lehigh.edu
Subject: [34480] Re: J37 - J38 Keys w/ Navy Knobs
Message-ID: <Pine.LNX.4.05.9903011343400.1166-1000000@www.cisg.law.pace.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Marshall, N1FM has Nye Navy knobs that also fit Hi-Mound, and
Hi-Mound Navy knobs that also fit Nye-Viking:

<http://www.morsex.com/nye/>

and <http://www.morsex.com/himound/#knobs>

Dave Williams
NN2D

On Mon, 1 Mar 1999, Alan Kaul W6RCL wrote:

> NAVY Knobs.... in the 50's were often nothing more than a poker chip with a
> hole drilled in it to fit between the regular knob and the key. Then one
> of the catalog places started selling them in black for a nominal amount.
> But I haven't seen one for sale in years. 72/3 de alan
>
> Alan Kaul, W6RCL, LaCanada-Flintridge, CA
> <http://home.att.net/~alan.kaul/qrp.html>
> alan.kaul@worldnet.att.net
> w6rcl@amsat.org
>

Date: Mon, 1 Mar 1999 12:41:48 -0600
From: "Mark Hogan" <mhogan@email.msn.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [34481] Re: NC20 Extra Kits Sold Out.
Message-ID: <00b301be6413\$41d22580\$6ae60181@mhogan-ws>

>The extra insurance NorCal 20 kits have been sold out. Thank you ...

One Hour and 52 minutes

Wow

Mark Hogan N50BC

Date: Mon, 1 Mar 1999 13:48:28 -0500
From: "Ricvhard Hensel" <rrhensel@sprintmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [34482] RE: J37 - J38 Keys w/ Navy Knobs
Message-ID: <000501be6414\$1867c550\$0317e590@nos_rrhensel>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Nye Viking makes a straight key with a NAVY style key, maby you could order replacement parts from them?

Richard Hensel
SPRINT
rrhensel@sprintmail.com
n8wlc@arrl.net

When you have a hammer in your hand ...
The whole world looks like a nail.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Alan Kaul W6RCL

Sent: Monday, March 01, 1999 12:41 PM

To: Low Power Amateur Radio Discussion

Subject: Re: J37 - J38 Keys w/ Navy Knobs

NAVY Knobs.... in the 50's were often nothing more than a poker chip with a hole drilled in it to fit between the regular knob and the key. Then one of the catalog places started selling them in black for a nominal amount. But I haven't seen one for sale in years. 72/3 de alan

Alan Kaul, W6RCL, LaCanada-Flintridge, CA

<http://home.att.net/~alan.kaul/qrp.html>

alan.kaul@worldnet.att.net

w6rcl@amsat.org

Date: Mon, 01 Mar 1999 13:15:07 -0600

From: crc <crc@io.com>

To: mhogan@email.msn.com, QRPL <QRP-L@Lehigh.EDU>

Subject: [34483] Re: NC20 Extra Kits Sold Out.

Message-ID: <36DAE73B.C2E49C37@io.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Mark Hogan wrote:

> >The extra insurance NorCal 20 kits have been sold out. Thank you ...

>

> One Hour and 52 minutes

>

> Wow

WOW !! is right I ordered at 12:32 I must have been the last one. Charlie
WA5KRF

Date: Mon, 1 Mar 1999 13:20:25 -0600
From: "Jim Hale" <kj5tf@madisoncounty.net>
To: "QRP-L" <QRP-L@Lehigh.EDU>
Subject: [34484] Honduras with 90mW
Message-ID: <006f01be6418\$90717560\$2c59edd0@user>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

This last wednesday I had a short QSO with Gene K7DBV/HR3. The pile-up on him wasnt too bad. I had a clear shot at him a couple times, and he copied me finally.

I was pushing 90mW from my QRP+ thru my WM-2, and 150'+ of RG8 to my 2 element quad at 70'.

I found his email address on good ole Buckmaster, and emailed him. Below are his own words on QRP and CW.

I was amazed to hear what he said about my signal was "no weaker than the general pileup"... WOW!!!

I think that speaks well for QRP and QRPP!

Take heart and try milliwatts! Jim KJ5TF AR QRP #2
----> read on

VERY cool, indeed, Jim, and I remember the QSO well. You were no louder or weaker than the general pileup when we worked. Teaches us a couple lessons: (1) QRP is a good thing; (2) 3el yagis at 70ft are a very good thing; (3) Morse is a GREAT thing. Will look for your SASE to my CBA,

Date: Mon, 01 Mar 1999 13:23:49 -0700
From: W6RCecila <w6rca@ibm.net>
To: qrp-l@lehigh.edu
Subject: [34485] Re: Monopole Vertical?
Message-ID: <36DAF755.694D@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>Date: Sun, 28 Feb 1999 11:19:22 -0700

>From: "Steve/n0tu" <n0tu@webaccess.net>

>

>I've been amazed how well my bug catcher antenna on my QRP/m works. So
>I've been thinking about putting up a full size vertical at the home
>QTH. Of course I plan to lay down some radials, but I heard about
>feeding it 'folded unipole' or some fashion that doesn't depend on
>the radials system so much for it's performance? Similar to the cage
>design I think. I need recipes and descriptions for 40m. Any
>pointers/suggestions/info are very much appreciated.

Hi Steve, the 'folded unipole' raises the feedpoint impedance for verticals with *horizontal* radials. Otherwise, the non-folded unipole has a feedpoint impedance of about 35 ohms and requires matching of some kind for optimum efficiency. But the folded unipole does not alleviate the need for a good radial system. If you really do not want to put down a good radial system, a vertical *dipole* will work pretty well. Without loading, that's about 70ft high on 40m. Of course, you can use coils in each leg of the vertical dipole to reduce the length but with reduced efficiency. "There's no such thing as a free lunch", especially with antennas.

Moral: You just cannot beat a good ground plane with lots of radials for a vertical monopole (unless you are floating in salt water). Note that there are no 'folded monopoles' (to the best of my knowledge) used on commercial AM radio antennas. That should speak volumes about reality (or my ignorance of reality :-).

--

73, Cecil, W6RCA <http://www.bigfoot.com/~w6rca>

Date: Mon, 1 Mar 1999 14:32:21 -0500

From: "dor" <elbc@pivot.net>

To: <bmug@gwl.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [34486] Re: Linux

Message-ID: <001a01be641a\$3b14d1a0\$731299d0@default>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Brad Mugleston <bmug@gwl.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Date: Monday, March 01, 1999 10:34 AM
Subject: Linux

>OK, there are two versions of RedHat Linux out - actually versions is the
wrong
>word. Both are Version 5.2. One has a picture of a Penguin on it the
other
>has looks like a bulls eye with a person wearing a hat in the center.
>
>Anyone got any idea what the difference is? I'm looking to pick up a copy
and
>don't know which way to go. Both boxes say about the same thing (at least
to
>me).
>
>de KI00T, Brad
>
Go wit Red Hat 5.2
73 dave kc1di

Date: Mon, 1 Mar 1999 14:49:29 EST
From: Macstein@aol.com
To: qrp-1@lehigh.edu
Subject: [34487] NC20 unlucky then lucky
Message-ID: <659439b4.36daef49@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

I was one of the unlucky ones who happened to MISS the original NC20
offering...

But... I WAS one of the lucky ones who happened to be online when Doug
announced the overrun offer. Because I missed the original..I did not pay
much attention to the NC20 postings, tips, troubles etc... To those who built
the thing: would you be willing to share your experiences with me direct? I'd
appreciate it.

macstein@aol.com

-MAC-
KF4KSM

Date: Mon, 01 Mar 1999 13:20:03 -0800
From: Ray Colbert <af852@rgfn.epcc.edu>
To: rkeener@realtime.net, qrp-1@lehigh.edu
Subject: [34488] Re: QRP 40 M operating/calling Freq.
Message-ID: <36DB0450.92E@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Yes that is true but at least the broadcast stations have an excuse for not receiving on their own frequency plus they don't zero in on the cw qso's in progress, as I heard several of digi lids do last nite. Alternately, if there is to be a change, it should be to 7030 to better coincide with the qrp calling freqs for the rest of the countries.

73 Ray

--

Ray Colbert,
(also w5xe@juno.com)
El Paso, Texas (Far West Texas)

Date: Mon, 1 Mar 1999 13:20:34 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-1@Lehigh.EDU
Subject: [34489] Re: CQC+QRP Test = FUN!
Message-ID: <199903012020.NAA17243@usr09.primenet.com>

Steve (N0TU) wrote:

>

> Still racing the clock on interest rates and final inspection here!

Don't forget to try and roll the tower of stacked beams into the mortgage. *8-)

> Thanks to all! Tooo much FUN! so when is QRP to the Field?

April 24th (last Saturday in April). Break out those maps and grab your GPS, another Border Run is on the way. :-)

Good to work ya in the CQC 'Test, Steve!

Cheers de AB7TT,

-Joe, vole@primenet.com, NorCal Contest Critter

"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions

Date: Mon, 1 Mar 1999 13:26:50 -0700 (MST)
From: af852@rgfn.epcc.edu (William R Colbert)
To: rkeener@realtime.net, qrp-1@lehigh.edu
Subject: [34490] Re: QRP 40 M operating/calling Freq.
Message-ID: <199903012026.NAA22038@rgfn.epcc.edu>

Yes that is true but at least the broadcast stations have an excuse for not receiving on their own frequency plus they don't zero in on the cw qso's in progress, as I heard several of digi lids do last nite and many times previously. It is really amazing that some even try to make excuses for the digi's stations operating inconsiderately on 40, some now moving down to 3540 area, and they have already ruined the upper part of 30, 20 and working on 15. Alternately, if there is to be a change on 40, it should be to 7030 to better coincide with the qrp calling freqs for the rest of the countries.

73 Ray

--

--

Ray Colbert, W5XE
00TC 3618, SOWP 1064M
El Paso, Tx (FAR WEST TEXAS!)
also: w5xe@juno.com

Date: Mon, 1 Mar 1999 12:43:13 -0800
From: "Dan Hogan" <dhhogan@concentric.net>
To: qrp-1@Lehigh.EDU
Subject: [34491] Re: Linux
Message-ID: <199903012037.PAA05640@mcfeely.concentric.net>

I got my version direct from RedHat, it has the person with the red hat on a blue box. IT has the registration card with customer support from RedHat. The other doesn't have support from RedHat (can't remember who

that is, one of the cd companies).

> >OK, there are two versions of RedHat Linux out - actually versions is the
> wrong
> >word. Both are Version 5.2. One has a picture of a Penguin on it the
> other
> >has looks like a bulls eye with a person wearing a hat in the center.

Dan Hogan WA6PBY
dhhogan@concentric.net
QRP-L #558

Date: Mon, 01 Mar 1999 12:39:02 PST
From: "Brad Hernlem" <alihernlem@hotmail.com>
To: qrp-l@lehigh.edu
Cc: wb2vuo@juno.com
Subject: [34492] Hint or Kink: Keith's Caps
Message-ID: <19990301203902.144.qmail@hotmail.com>
Mime-Version: 1.0
Content-type: text/plain

Here's an idea for putting a pointer on the reduction caps which Keith/WB2VUO recently made available. I've been imagining how to make a "Velvet Vernier" (R) type dial using these caps but needed a simple way to fix a pointer on the outer/main shaft. To do this I cut a length (about 3/4") of 1/4" ID 9/32" OD brass tubing and made 6 slits about 1/2 way down the tube using a jeweller's saw. Then, to get the tube to "grab" the main shaft when slid in place, I put a snap ring around the tube (slit end). I've been looking for the spring type hose clamps to serve this purpose but have been unable to locate any. The snap ring works but needs a little help to get good compression around the tubing. I slid a strip of paper under the clip around the tubing. The nice thing about this arrangement is that it does not stick out far from the shaft (massive hole in panel not required). I have also been thinking about cutting a piece of spring to fit around the tubing but have yet to try this.

The pointer can be made from a small piece of 1/8" clear acrylic and epoxied onto the tubing. A nice sharp hairline can be made by making a knife scratch down the acrylic, running a sharpie over the scratch and then wiping off the excess with a finger (the ink stays in the scratch).

With this arrangement, the cap can be mounted behind a panel with the shaft fed through a relatively small hole. The dial is mounted on the outside of the panel, the pointer slid on the shaft, a cover piece mounted over the dial and finally a 1/8" shaft knob attached to the

reduction shaft. A good reproduction dial (roundial.zip) is available at:

<http://www.mines.uidaho.edu/ftp/pub/Glowbugs/Dials/>

Regards,

Brad

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Mon, 01 Mar 1999 13:19:55 PST
From: "Bruce Prior" <n7rr@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [34493] Super Portable Keyer Paddle
Message-ID: <19990301211955.28571.qmail@hotmail.com>
Mime-Version: 1.0
Content-type: text/plain

Backpackers:

In response to Patrick s (KD40BQ) recent posting, I dug out the Autumn, 1987 issue of SPRAT, the Journal of the Q-QRP Club, where on page 13 my article, "Super Portable Keyer Paddle," appears. Here is an excerpt with a few bracketed changes:

"When I carry HF equipment in a backpack I put a high premium on saving weight. Ordinary keyer paddles are definitely stay-at-homes, but keyer operation is a lot easier [than straight keying] when the mosquitoes are biting or when the frost is biting. So, I built a substitute keyer paddle from the junk box.

"The paddle consists of two light-touch momentary SPST switches mounted back-to-back, with the buttons facing in opposite directions. The version for right-handed operators [has] the thumb-button on top and pointing left as you look at it on end, and the pointer-finger button of the bottom and facing right. The reason may not be obvious, but once the paddle is assembled, you find that the pointer-finger naturally hangs down lower than the thumb when paddling. Southpaws should use the reverse configuration.

"The momentary switches are first glued together. The common ground solder connection also helps hold them together. Then---and this is the key---(oops...terrible pun!) the pair are wrapped together with strong cloth-reinforced tape, tapering down around the connector wires. [Shrink-wrap does the job just as well, and weights less and looks

better!] This . . . gives the paddle the necessary stiffness so that it can be mounted on the side of the backpack QRP rig with three strong elastic bands [rubber bands for North Americans], or simply held in the non-keying hand."

Incidentally, the original sketch which accompanies the SPRAT article was drawn by Margaret Wheat, now KD7CEL and my wife! We re getting ready for a Pacific Crest Trail trek this summer. Yesterday she got her 40-m Novice SST on the air. We re waiting for delivery of a miniature 100-kilohm linear-taper pot to install a Jackson Harbor Press PK-2 keyer inside the SST. Guess what kind of paddle she s planning to use!

72, Bruce Prior N7RR / VE7HR Blaine, WA n7rr@hotmail.com

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Mon, 1 Mar 1999 16:43:38 EST
From: RangerSF5@aol.com
To: qrp-l@lehigh.edu
Subject: [34494] Re: MFJ rig W/bad relay,,,need you'r address
Message-ID: <e392e688.36db0a0a@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

The person who sent me a M0 for the non working MFJ 40-M(needs Relay)
Please send me you'r address.
Bob
WA2HOQrp <tm>

Date: Mon, 01 Mar 1999 13:51:20 -0700
From: Alan Dawkins <alk0frp@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [34495] K0FRP CQC contest
Message-ID: <36DAFDC8.3E46A036@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Pending the powers of the contest committee. It looks like the 1,000,000 mark may be broken.

Calculated on the flight from Denver to Los Angeles

Band	Q's	QSO pts	SPC's	
80m	3	14		3
40m	74	340		31
20m	55	254		22
15m	37	205		20
Total	169	813	76	19 names

+ W0CQC 1000 pts
1,177,860 pts

5hours 15 min op time

My station will be for rent for the CQC Summer QSO party

Al K0FRP

Date: Mon, 01 Mar 1999 16:52:06 -0500
From: "Ed Hare, W1RFI" <w1rfi@arrl.net>
To: qrp-l@lehigh.edu
Subject: [34496] W1RFI's Vermont Trip
Message-ID: <36DB0C06.6BA8@arrl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi, Guys,

Well, I did get to do a bit of operating from VT this weekend, but the "antenna police" at the hotel busted my antenna (a wire out the window), so I hung it out the window for only my sked.

The bad news is that the fellows local QRN and my QPW (puny weak) signal didn't make it. The good news is that I saw a few good fishing holes and will try to get back there over the summer. :-) I actually saw a state part just over the NH line, so I may spend a day fishing and an late afternoon / evening hopping between VT and NH. :-)

73,
Ed, W1RFI
ARRL Lab

Date: Mon, 1 Mar 1999 16:54:14 EST
From: K2UD@aol.com
To: qrp-1@Lehigh.EDU
Subject: [34497] Re: QRP chat room?
Message-ID: <33847849.36db0c86@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Yeah, there is. It's 3.560, 7.040, 14.060 Mhz, etc..

Can't think of any better QRP chat rooms than the QRP frequencies!

72

Howard Kraus, K2UD

Date: Mon, 1 Mar 1999 21:48:15 +0000
From: Larry Cahoon <wd3p@juno.com>
To: rfoltz@turbonet.com, qrp-1@Lehigh.EDU
Subject: [34498] Re: CQC at 500 mw
Message-ID: <19990301.215459.4046.0.wd3p@juno.com>

On Mon, 01 Mar 99 04:33:42 PST "Randy Foltz" <rfoltz@turbonet.com>
writes:

>Wow! I just finished the CQC Winter Party running
>500 mw. I knew I could only play for an hour or two,

Great Job there Randy. I was going to skip posting the contest stuff as I only ran 5 QSOs total. But now I guess I have to join the QRPP crowd. I only played around between duties, like watching a movie with the XYL, getting the kids to bed. Plus the contest ended an hour after my bedtime. Never did anything on 40 meters. So all were on 20 m. Started with N4FNG in FL at 35 mw, next came next came N5ZR also 35 mw. Then came K4BAI in GA again at 35 mw. Then I turned on the afterburners to pick up K07X in UT and AB7TT in AZ. I didn't work out the miles per watt. The only new distance record here was with N4FNG who lowered my power into FL for the AR WAS QRPP contest. And before someone asks the ant. at this end was a simple dipole.....

72 de Larry.....WD3P in MD

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Date: Mon, 1 Mar 1999 15:06:01 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-1@Lehigh.EDU
Subject: [34499] FYBO: LAST CALL for Logs!
Message-ID: <199903012206.PAA05192@usr01.primenet.com>

Howdy Folks,

Last call for FYBO logs! March 6th is the deadline,
just 5 short days away. The following is a list of
all email/paper logs received as of this afternoon.
Calls are in alphabetical order.

Please let me know if you sent yours in but are not
listed. I'll immediately release the bloodhounds on
myself. :-) Thanks again from all us ScQRPions!

FYBO Logs Received (as of 3/1/99):

AA1MY AA5YX AA8PJ AB0GO AB5UA AB6MB AB7MY AB7OA AB7TT AB8DF
AC6KW AD6A AE2T AF5Z AI4CW AK7Y AL7FS HP1AC JR0BAQ K1QM
K4GEL K4KJP K5LN K5RAC K5ZTY K7GT K7TQ K7YDL K8CV KA5T
KB6FPW KB9LCK KC5T KE4LIA KF2EW KG7PV KI0G KI0II KI7MN KJ5TF
KJ5VW KK6MC/5 KL7H KN6YD KS4HQ KU7Y N0GLM N0HJ N0IBT N0SXX
N0TU N1MVU N2WG N3AO N4BP N4IU N4ROA N4UY N5LU N5TW
N6WG NA3V NN1G NQ7X NS80 VE3QDR VE3SP W1VT W2EB W3MWY
W4EEX W4IM/7 W5JH W5VBO W6MV W6OTX W6PRI W6WY W7TAO WA5WHN
WA6GER WA8GHZ/5 WA8RXI WD7Y WD8RIF WE6W WQ0RP WQ3RP

INCOMPLETE: W8HP - MI QRP MultiOp (Please contact me ASAP!)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions

Date: Mon, 1 Mar 1999 22:05:33 +0000
From: Larry Cahoon <wd3p@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [34500] Those AR Contest/Awards
Message-ID: <19990301.220533.4046.1.wd3p@juno.com>

Hi Gang,

Since it is now March and the local weathermen say spring is officially here - funny how they moved that from the spring equinox a few years back - it is time to post the my standing in the AR contests/awards.

For the millennium award the count stands at 392 QSOs - That puts me ahead of the pace to make the 2000 Q's required.

On the WAS QRPp front as of last night (I added NM today) it stood at 38 states with 8.708 Watts.

Stay tuned for the next update.....

73 de Larry.....WD3P.....in MD with a bunch of dipoles
One state short of WAS at 1000 Miles per Watt
<http://www.erols.com/lejek/>

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Date: Mon, 1 Mar 1999 15:55:02 -0700
From: Rod Cerkoney <rwc@frii.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [34501] my NC20
Message-ID: <19990301155502.29339@frii.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Sat morning at 8am MST, I started the receiver section.

It was a "Marathon Build Day", at a leisure pace. I just got goin', was having fun and just kept going.... ;-)

Anyway, I spent time on Sunday fine tuning receiver alignment, and tweeking

the transmitter. Mine [XMTR] is touchy & output is a little low ~5W max, but clean on a scope. I need to work on that.

Now the cool part: Around 0300Z, 3/1/99 I had the shack cleaned up, and a little operating space available. So I fire up the rig heard some sigs still on 20M(!) and start calling CQ around 14061. After a few minutes Danh, KE6D calls back, we exchange RST, QTH & Name--Then 20 goes "Dead Parrot", like somebody threw a switch! Today I got email from Danh, he was using his NC20 too!!! What cosmic significance does this have; a random CQ, my first QSO with my NC20 being NC20/NC20??? All when 20M should be dead!!!

I don't know, but it is fun to ponder. ;-)

Now that I've got it up and running, I realize the RCVR is more that I hoped for: Sensitive, Selective & QUIET!! I was uncertain about AFA & TiCK keyer but grew to love them very quickly. TiCK's & PIC's all around for my QRP rigs. ;-)

Folks: This is a well thought out rig, made for the way we operate! If you have one you know what I mean. If you are getting one soon, you're going to love it. If you building one, take your time & enjoy the ride. If you missed out, be patient, from QRP-L postings & Chuck's, K5F0, Web site it sounds like a commercial version will be available.

But now, for all of us who are lucky enough to have an NC20, please rise. and join me in a Standing Ovation, for the entire project team:

CLAP CLAP CLAP, CHEER CHEER CHEER YYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYY HHHHHHHHHAAAAAAA!

Great job folks.

--

72/3 N0RC
Rod Cerkoney
Fort Collins, CO
QRP-L #1764
da di dah

Date: Mon, 01 Mar 1999 18:10:21 -0500
From: ntan <ntan@crosslink.net>
To: SKIPNC90@aol.com, QRP-L <qrp-l@lehigh.EDU>
Subject: [34502] Re: PCB tip
Message-ID: <36DB1E56.9A218218@crosslink.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Skip-

Thanks for the reply. I guess I wasn't too clear with my message to the list. I didn't have a problem getting a mirror image of my layout, I just couldn't find a decent way to transfer the layout to the board. Carbon paper didn't work and that's where the LIQUID PAPER did the trick. Thanks for trick with the carbon paper- I hadn't thought of that, I just held the paper up to my window and traced it. Best 72 and cul --Neil WA4CHQrp

SKIPNC90@aol.com wrote:

> In a message dated 99-02-28 20:43:47 EST, ntan@crosslink.net writes:
>
> << I tried making a mirror image of the layout, hoping to
> transfer it to the bottom of the copper board, using carbon paper. It
> didn't work. >>
>
> Hi Neil,
>
> The way I make mirror images of the layout I to place the carbon
> paper face up and put my layout on it. Retracing the layout will give
> you a mirror image on the back side of the page that you easily
> transfer to your circuit board.
>
> 73, Skip Davis NC90

Date: Mon, 01 Mar 99 17:17:27 -0500
From: Chuck Adams <adams@ticnet.com>
To: qrp <qrp-l@lehigh.edu>
Subject: [34503] QRP-L CD ROM Version 2.0
Message-ID: <E10Hbvk-000838-00@smtp.ticnet.com>

Gang,

The question came up over the weekend so here is the answer. I posted the last time I brought the topic up that it would be the first week in March for the goal to have it done. Well I made it with a lot of help from

John McDonough in MI who did all the work on the HTML version.

I am working today on a upper case vs lower case UNIX issue on filenames, but that should be relatively easy to work out. Even with the HTML there is still a lot of reading to do.... :-) ;-) This group has been and continues to be verbose..... ;-)

OK, now everyone listen and listen closely, please. Print this off, read it several times, 'cuz I don't want a lot of traffic on the QRP-L list on this item. Don't repost.

Don't start sending me disks if you don't have a burner. I'll let you know when I'm ready. Probably be a week. OK? :-)

I do not want to be the primary or only distributor for this release. I was able to do several hundred without a problem on version 1, but if version 2 takes off with the indexing by topic and year then I don't want to be in overload. :-) Not to mention wear and tear on the Philips drive and the SGI 02.....

So, everyone that has a CD burner, even if you sent me email previously, here is the deal.

1. You send me in the following format,

NAME, call, Mailing Address, email address

2. Note that you have a CD burner.

3. You are willing to receive a blank CD with SASE return envelope and will copy the CD to it and send it back to the sender.

4. Have about 600MB of space to copy the original to and make the distribution copies from.

5. Can send me a blank CD with return mailer SASE ASAP. Except those of you that previously noted that you'd be the distributor in Spain, UK, etc.

6. Permission to post your name and address to the web people that you will be doing this. When and if you find it to be too much, then I'll post that you are no longer doing it, so make sure you can

commit and stick with it for a while. This will let people know who is the closest source, especially for DX.

7. Give me an estimate on your local costs for a disk, mailer, etc. if someone doesn't have the ability to send you a blank disk.

Now, if an individual does not have access to a source of blank CDs and still wants one, then I think a going fixed price can be agreed upon and I will post after I get a few emails back from the volunteers to copy the CD. There may be an issue on just what some of the guys and girls have to pay for the blank CDs.

I plan on having some Version 2's at Ft Smith and Atlanticon and will ask for a \$5 donation for them to cover costs and transportation. This is about the cost per individual when you figure the cost of the disk, postage both ways and the mailer.

And as a heads up, since I had one complaint on this before. This is a hobby.

- A. No label on the disk. It costs me more than \$40 for a refill on cartridges for the Epson Stylus printer. Then the cost of the software to do the labels, and the labels themselves and the time involved.
- B. No fancy jewel case on the ones that I bring, just a cardboard folder with vellum sleeve when I get them this week.

And for the postings that I know are gonna come. I have thought through the issue of getting a commercial duplication done. 1. Can't predict the volume needed. I personally don't want and I don't think anyone else would come forward to put up several thousand dollars for this. 2. With the dup as needed plan the disks can be partially updated every two or three weeks with a major release to be redone every 3 months.

I'll post later this week an index of the stuff on the CD. It's two versions of the archives. One in ASCII and the other with the HTML'ized version up to end of January and maybe later if John and I exchange email on just how to do it other than him mailing another disk which I don't think is needed.

This disk will not be made available through any web site

'cuz the purpose is to allow rapid access. The archives are already available through ftp at ftp.lehigh.edu://pub/listserv/.... and we really want to reduce traffic on the super highway. Also not everyone can surf but you will need a web browser on you system if you want to use the HTML stuff, otherwise the ASCII stuff is there.

OK, enough for now. I probably left something out and will come back if needed.

If you have something to contribute to the distribution, speak up now and do it ASAP. Tell me what you have and we'll work on getting it on the CD. I can take .jpg attachments direct, etc.

Remember: The whole purpose of this exercise to provide a backup of all the archives of QRP-L for a permanent record.

dit dit

--

Chuck Adams K5FO adams@ticnet.com CP-60
<http://www.ticnet.com/k5fo>

Date: Mon, 01 Mar 1999 18:16:17 -0500
From: ntan <ntan@crosslink.net>
To: QRP-L <qrp-l@lehigh.EDU>
Subject: [34504] W4PJ-photocopies
Message-ID: <36DB1FB8.DB00FE60@crosslink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

W4PJ, Scott-

Lost your e-mail address but wanted to let you know that the copies of the article came today. Thanks very much for taking the time to do that. 72 - Neil WA4CHQrp

Date: Mon, 01 Mar 1999 18:14:17 -0500
From: Tom Palmer <n1tp@worldnet.att.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [34505] upgrade to General - finally

Message-ID: <36DB1F49.FBF96760@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

WEEE HAAAA!!!! I upgraded to Genaral after FINALLY passing the
13 wpm code test Sunday morning. Happy Dance Time!!

CONGRATULATIONS, JEFF!

To all those struggling to upgrade: STAY WITH IT ! If you can improve
your
copying speed by only ONE wpm every month or two, you will upgrade
within a
year. I am living proof that it can be done despite health problems,
work
distractions, and lacking any particular talent for code, as long as the
interest is there.

You've expressed the right attitude, which is
not "Let's dumb down the code requirements."

Tom N1TP, Naples, Florida.

Date: Mon, 01 Mar 1999 15:45:13 -0800
From: Norm Melick <henmel@worldnet.att.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [34506] Re: H.A.A.R.P.
Message-ID: <36DB2689.CFBE1BFE@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Chuck asked me to forward this post to the group, with a
copy of the URL, so here it is:

http://w3.nrl.navy.mil/projects/haarp/ltst/hh2_0.html

Chuck Adams wrote:

Norm et.al.,

Thanks for the URL on HAARP.

Several years ago when they did it just below the
40 meter band I was able to hear them in Dallas
and got back a nice SWL card from them.

Just a word of warning. The transmissions are NOT in the
ham
bands. There were a number of intentional attempts
at interference the last time. This time around several
government
agencies will be honing in their skills at tracking down
such attempts.... :-) Do the people interfering want to
lose
their license plus do some time in a federally maintained
housing facility in KS????

FYI

--

Chuck Adams K5FO adams@ticnet.com CP-60
<http://www.ticnet.com/k5fo>

End of QRP-L Digest 1382

